

**Iowa Department of Natural Resources
Environmental Protection Commission**

ITEM

21

DECISION

TOPIC

Final Rule – Chapter 65 –Designated Wetlands

The Commission is requested to approve final rules to amend 567 Iowa Administrative Code Chapter 65 – Animal Feeding Operations. The amendments add a definition of “designated wetland” which will consist of the statutory definition plus a reference to the list of designated wetlands which will be available at the state law library and via the Internet. A new subrule is also added in 567 IAC 65.11 which sets forth the separation distance requirement and “grandfather” provisions for existing and specified pending confinement feeding operation structures. Iowa Code chapter 459 provides the Department of Natural Resources with statutory authority to establish a set of designated wetlands for the purpose of implementing the separation distance requirement for construction of confinement feeding operation structures as provided in Iowa Code section 459.310. This is the first attempt by the Department to establish a list of designated wetlands. Designated wetlands are defined as land designated as a protected wetland by the United States department of the interior or the department of natural resources. Eligible lands must be owned and managed by the federal government or the department of natural resources. Lands within a drainage district or levee district are not eligible.

The definition of “designated wetland” in Iowa Code subsection 459.102(21) references “protected wetland” which is defined in Iowa Code subsection 456B.1(4) as follows: “...type 3, type 4, and type 5 wetlands as described in circular 39, Wetlands of the United States, 1971 Edition, published by the United States department of the interior. However, a protected wetland does not include land where an agricultural drainage well has been plugged causing a temporary wetland or land within a drainage district or levee district.” “Wetlands” are further defined in Iowa Code subsection 456B.1(5) as: “An area of two or more acres in a natural condition that is mostly under water or waterlogged during the spring growing season and is characterized by vegetation of hydric soils.”

Public hearings were held in Spirit Lake on January 19, 2006, Mason City on January 25, 2006, Ottumwa on January 26, 2006, and in Des Moines on January 31, 2006. No comments were received during these meetings, but a written comment was received via mail on February 1, 2006 which was the last day of the public comment period. A responsiveness summary addressing the comments received is attached.

Todd Bishop
Special Projects Coordinator
Conservation and Recreation Division

May 5, 2006

ENVIRONMENTAL PROTECTION COMMISSION [567]
Adopted and Filed

Pursuant to the authority of Iowa Code sections 455A.6, and 459.103, the Environmental Protection Commission hereby adopts amendments to Chapter 65, "Animal Feeding Operations," Iowa Administrative Code.

The amendments establish a list of designated wetlands in a new document which will be available at the state law library and via the Internet. The definition of "Designated wetland" in Iowa Code subsection 459.102(21) was utilized in determining the wetlands that are designated.

Notice of Intended Action was published in the Iowa Administrative Bulletin on December 21, 2005 as ARC 4771B. No oral comments were received at four public hearing. However, written comments were received. As a result of the written comments, the following changes have been made to the amendments as set forth in the Notice of Intended Action: 19 wetlands have been removed from the list of designated wetlands, reducing the number from 700 to 681; a new subrule has been added to Rule 567--65.11 providing "grandfather" treatment for existing and specified pending operations before the list of designated wetlands becomes effective.

—These amendments will become effective August 23, 2006.

These amendments are intended to implement Iowa Code sections 459.102 and 459.310.

The following amendments are adopted.

Item 1. Amend rule 567--65.1(455B), by adding the following new definition:

"Designated wetland" means land designated as a protected wetland by the United States department of the interior or the department of natural resources, including but not limited to a protected wetland as defined in section 456B.1, if the land is owned and managed by the federal government or the department of natural resources. However, a designated wetland does not include land where an agricultural drainage well has been plugged causing a temporary wetland or land within a drainage district or levee district. Designated wetlands in

the state are listed in “Designated Wetlands in Iowa,” effective August 23, 2006, which is incorporated by reference; this document is on file at the state law library where it is also available via the Internet at http://www.iowadnr.com/___/_____.html.

Item 2. Amend rule 567—65.11 by inserting new subrule 65.11(3) as follows and renumbering the remaining subrules accordingly.

65.11(3) A confinement feeding operation structure shall not be constructed closer than 2,500 feet away from a “designated wetland” as defined and referenced in 65.1. This requirement shall not apply to a confinement feeding operation structure if any of the following occurs before the wetland is included in “Designated Wetlands in Iowa,” effective August 23, 2006:

- a. The confinement feeding operation structure already exists. This exemption also applies to additional confinement feeding operation structures constructed at the site of such an existing confinement feeding operation structure after a wetland is included in “Designated Wetlands in Iowa,” effective August 23, 2006.
- b. Construction of a confinement feeding operation structure has begun as provided in 65.8(1).
- c. An application for a permit to construct a confinement feeding operation structure has been submitted to the department.
- d. A manure management plan, concerning a proposed confinement feeding operation structure for which a construction permit is not required, has been submitted to the department.

Summary of Comments Received by the Iowa Department of Natural Resources

On Proposed Changes to 567 IAC - Chapter 65

INTRODUCTION

On November 25, 2005, the Environmental Protection Commission approved a Notice of Intended Action (NOIA) to amend Chapter 65 via addition of a new Table listing Designated Wetlands. The Notice of Intended Action (NOIA) was published in the Iowa Administrative Bulletin (IAB) on 12/21/2005, as ARC 4771B.

Public hearings were held in Spirit Lake on January 19, 2006, Mason City on January 25, 2006, Ottumwa on January 26, 2006, and in Des Moines on January 31, 2006. No comments were received during these meetings, but a written comment was received via mail on February 1, 2006 which was the last day of the public comment period. A responsiveness summary addressing the comments received is attached.

Subsequent to the end of the public comment period, the department received comments that several of the proposed designated wetlands were in fact located in drainage districts. This situation occurred primarily where drainage districts had annexed additional areas in the past 10 to 15 years. In response, the department solicited input from county drainage clerks through the Iowa Drainage District Association and other professionals that have expertise in working with drainage districts. As a result of this process, 19 wetlands have been removed from the proposed list, reducing the number from 700 to 681. These changes are reflected in the modified list attached to this document.

Comments received:

Written comments were provided by Christina L. Gruenhagen, Iowa Farm Bureau Federation. Specific comments are addressed in the remainder of this section.

1. Iowa Code §459.310(1)(c)(3) prohibits the department from establishing a designated wetland if the wetland is closer than 2500 feet away from a confinement feeding operation structure. To the extent that confinement feeding operation structures already exist within 2500 feet of any of the wetlands proposed for designation, the department is prohibited from inserting that wetland on the list. There are at least 6 locations where the department has proposed designating a wetland that is within 2500 feet of a confinement feeding operation structure. We request that the department eliminate at least these 6 designations from the list so that the rule is consistent with Iowa law and so that negative impacts on the vitality of these small businesses are eliminated.

DNR Response: The department provided Ms. Gruenhagen with the list of 6 facilities within 2500 feet of wetlands proposed for designations. Five of the six wetlands are sovereign bodies of water which means they have not been drained and have been in public ownership since 1900. These water bodies are: Iowa Lake in Osceola County, Pickerel Lake in Buena Vista County, East Twin Lake in Hancock County, Little Wall Lake in

Hardin County, and Elk Lake in Clay County. The other site is Badger Lake in Monona County; a large natural wetland that has been in public ownership since the 1960's. Each of these sites has a single facility within the 2500 foot separation distance. Ms. Gruenhagen did not provide information on any additional sites.

These wetlands represent some of the few significant historic wetland sites that have not been drained and converted to agricultural land uses. In the context of the other prohibitions in Iowa Code §459.310(1)(c) the Department concludes that subparagraph (3) prohibits the establishment or physical creation of a wetland which would then be designated, not the designation of existing wetlands. It unreasonable to conclude that merely because a confinement feeding operation was constructed within 2,500 feet of a natural wetland prior to any statutory designation/separation requirements that all future confinement feeding operations can be constructed within that distance after the designation/separation requirements are authorized. The “grandfather” provision explained below will adequately implement the statutory prohibition regarding existing facilities.

2. The proposed rule impacts persons who have already applied for or received a construction permit, but have not built their facilities. Iowa code 459.310(1)(b) requires separation distance for construction, not just permit application. The proposed rule conflicts with the construction permits pending or granted in these geographic areas. It may make the permits invalid because Iowa law doesn't allow the construction to occur within 2500 feet of a designated wetland regardless of whether the permit has been issued. Iowa Administrative Code 567-65.7(5) allows one year for construction to begin and four years for completion of a site. Those farmers who have received permits and have not completed construction may have a cause of action against the state for property rights violation. To avoid this unintended consequence and to be consistent with the recently approved major water source designations, the proposed rule should grandfather in persons who have applied or received a construction permit.

DNR Response: A “grandfather” provision has been added for existing confinement feeding operation structures located within the separation distance of a newly added designated wetland (as described in #1 above) or confinement feeding operation structures with a valid construction permit for construction that has not yet occurred at a location within the separation distance of a newly added designation wetland.

3. The rule has the unintended consequence of impacting farmers who have planned the construction of facilities in the spring who aren't required to obtain a construction permit. Once the rule goes into effect, planned facilities can't be built in the 2500 foot area. An analogous situation occurs when a farmer operating inside a 2500 foot buffer makes operational changes that require a construction permit according to rules approved last year. There could be farmers that want to modify their operations, but are not planning any construction. Under this rule as currently constituted, those changes would not be allowed, because the department would not be able to issue a construction permit. We propose the department grandfather in facilities where a manure management plan has been submitted or where construction has begun as of a certain date on a facility that is not required to obtain a construction permit, or where operational changes are made that would require a construction permit.

DNR Response: Regarding planned confinement feeding operations that are not required to obtain a construction permit, the above-referenced “grandfather” provision should include language consistent with “grandfather” language in the recently approved major water source designations.

4. The department “incorporated by reference a document entitled “Designated Wetlands in Iowa”. The proposed rule does not set out the contents of the document and if the document is intended to be a rule, no publication of the contents has been made as required by Iowa Code 17A.5(1) and 17A.6 (1). There

are no allowances in Iowa law for documents “incorporated by reference” to have the force and effect of law. If the document is to have the force of law, then it ought to be explicitly included in the rulemaking process and published in full.

DNR Response: Iowa Code subsection 17A.6(3) authorizes the Administrative Code Editor to “omit from the Iowa administrative code or bulletin any rule the publication of which would be unduly cumbersome, expensive or otherwise inexpedient, if the rule in processed form is made available on application to the adopting agency at no more than its cost of reproduction, and if the Iowa administrative code or bulletin contains a notice stating the specific subject matter of the omitted rule and stating how a copy of the omitted rule may be obtained.” The DNR consulted with the Administrative Code Editor prior to the approval of the Notice of Intended Action and the Code Editor recommended and approved the method of availability for the “Designated Wetlands in Iowa” set forth in the Notice of Intended Action.

DESIGNATED WETLANDS IN IOWA
AUGUST 23, 2006

County	Wildlife Area	Owner	Wetland ID	Acres	Township
Allamakee	Waterloo Creek	DNR	IA-003-00000491	9.4	WATERLOO (T100N R06W)
Appanoose	Sedan Bottoms	DNR	IA-004-00005757	157.2	WELLS (T68N R16W)
Appanoose	Sedan Bottoms	DNR	IA-004-00005872	7.1	WELLS (T68N R16W)
Appanoose	Sedan Bottoms	DNR	IA-004-00005769	24.5	WELLS (T68N R16W)
Appanoose	Sedan Bottoms	DNR	IA-004-00005907	14.9	WELLS (T68N R16W)
Appanoose	Sedan Bottoms	DNR	IA-004-00006079	27.2	WELLS (T68N R16W)
Appanoose	Sedan Bottoms	DNR	IA-004-00006199	20.2	WELLS (T67N R16W)
Appanoose	Sedan Bottoms	DNR	IA-004-00006401	6.6	WELLS (T67N R16W)
Appanoose	Sedan Bottoms	DNR	IA-004-00006106	5.7	WELLS (T67N R16W)
Appanoose	Sedan Bottoms	DNR	IA-004-00007530	2.7	WELLS (T67N R16W)
Appanoose	Sedan Bottoms	DNR	IA-004-00006178	3.7	WELLS (T67N R16W)
Appanoose	Sedan Bottoms	DNR	IA-004-00006033	5.1	WELLS (T68N R16W)
Appanoose	Sedan Bottoms	DNR	IA-004-00005859	3.9	WELLS (T68N R16W)
Appanoose	Sedan Bottoms	DNR	IA-004-00005496	19.4	WELLS (T68N R16W)
Appanoose	Sedan Bottoms	DNR	IA-004-00005530	20.0	WELLS (T68N R16W)
Appanoose	Sedan Bottoms	DNR	IA-004-00005530	73.3	CALDWELL (T68N R17W)
Appanoose	Sedan Bottoms	DNR	IA-004-00005500	7.0	CALDWELL (T68N R17W)
Appanoose	Sedan Bottoms	DNR	IA-004-00005745	2.6	CALDWELL (T68N R17W)
Appanoose	Sedan Bottoms	DNR	IA-004-00005706	5.0	CALDWELL (T68N R17W)
Appanoose	Sedan Bottoms	DNR	IA-004-00005618	2.0	CALDWELL (T68N R17W)
Appanoose	Sedan Bottoms	DNR	IA-004-00005332	5.3	CALDWELL (T68N R17W)
Benton	Dudgeon Lake	DNR	IA-006-00001203	20.0	TAYLOR (T85N R10W)
Benton	Dudgeon Lake	DNR	IA-006-00001203	5.7	TAYLOR (T85N R10W)
Benton	Dudgeon Lake	DNR	IA-006-00001080	38.5	TAYLOR (T85N R10W)
Benton	Dudgeon Lake	DNR	IA-006-00001203	17.8	TAYLOR (T85N R10W)
Benton	Dudgeon Lake	DNR	IA-006-00001203	21.1	TAYLOR (T85N R10W)
Benton	Dudgeon Lake	DNR	IA-006-00001203	40.7	TAYLOR (T85N R10W)
Benton	Dudgeon Lake	DNR	IA-006-00001203	6.7	TAYLOR (T85N R10W)
Benton	Dudgeon Lake	DNR	IA-006-00001273	3.1	TAYLOR (T85N R10W)
Benton	Dudgeon Lake	DNR	IA-006-00001203	4.2	TAYLOR (T85N R10W)
Benton	Dudgeon Lake	DNR	IA-006-00001493	3.8	TAYLOR (T85N R10W)
Benton	Dudgeon Lake	DNR	IA-006-00001203	3.0	TAYLOR (T85N R10W)
Benton	Dudgeon Lake	DNR	IA-006-00001080	5.9	TAYLOR (T85N R10W)
Benton	Iowa River Corridor	USFWS	IA-006-00003547	10.7	IOWA (T82N R12W)
Benton	Iowa River Corridor	USFWS	IA-006-00003667	27.5	IOWA (T82N R12W)
Benton	Iowa River Corridor	USFWS	IA-006-00003667	20.4	IOWA (T82N R12W)
Benton	Red Fox	DNR	IA-006-00000885	2.5	HARRISON (T86N R10W)
Benton	Red Fox	DNR	IA-006-00000885	4.4	HARRISON (T86N R10W)
Benton	Red Fox	DNR	IA-006-00003850	2.1	HARRISON (T86N R10W)
Boone	Harrier Marsh	USFWS	IA-008-00003311	3.7	MARCY (T83N R27W)
Boone	Harrier Marsh	USFWS	IA-008-00003310	7.1	MARCY (T83N R27W)
Bremer	Leopold Wetland Complex	DNR	IA-009-00003764	3.1	FRANKLIN (T91N R11W)
Bremer	Leopold Wetland Complex	DNR	IA-009-00004483	2.0	FRANKLIN (T91N R11W)
Bremer	Leopold Wetland Complex	DNR	IA-009-00003764	2.5	FRANKLIN (T91N R11W)

Bremer	Leopold Wetland Complex	DNR	IA-009-00003852	6.5	FRANKLIN (T91N R11W)
Bremer	Leopold Wetland Complex	DNR	IA-009-00003853	4.2	FRANKLIN (T91N R11W)
Bremer	Leopold Wetland Complex	DNR	IA-009-00004484	2.6	FRANKLIN (T91N R11W)
Bremer	Leopold Wetland Complex	DNR	IA-009-00003480	2.4	FRANKLIN (T91N R11W)
Bremer	Leopold Wetland Complex	DNR	IA-009-00003538	2.4	FRANKLIN (T91N R11W)
Bremer	Leopold Wetland Complex	DNR	IA-009-00003538	4.7	FRANKLIN (T91N R11W)
Bremer	Leopold Wetland Complex	DNR	IA-009-00004485	5.0	FRANKLIN (T91N R11W)
Bremer	Leopold Wetland Complex	DNR	IA-009-00003684	2.2	FRANKLIN (T91N R11W)
Bremer	Sweet Marsh	DNR	IA-009-00004482	4.0	FREDERIKA (T93N R12W)
Bremer	Sweet Marsh	DNR	IA-009-00000827	2.5	FREDERIKA (T93N R12W)
Bremer	Sweet Marsh	DNR	IA-009-00001196	76.0	LE ROY (T93N R12W)
Bremer	Sweet Marsh	DNR	IA-009-00001256	6.9	LE ROY (T93N R12W)
Bremer	Sweet Marsh	DNR	IA-009-00001221	32.3	LE ROY (T93N R12W)
Bremer	Sweet Marsh	DNR	IA-009-00001221	26.4	LE ROY (T93N R12W)
Bremer	Sweet Marsh	DNR	IA-009-00001186	181.4	LE ROY (T93N R12W)
Bremer	Sweet Marsh	DNR	IA-009-00001315	166.4	LE ROY (T93N R12W)
Bremer	Sweet Marsh	DNR	IA-009-00001394	12.1	FREMONT (T92N R12W)
Bremer	Sweet Marsh	DNR	IA-009-00001394	113.1	FREMONT (T92N R12W)
Bremer	Sweet Marsh	DNR	IA-009-00001437	7.8	LE ROY (T93N R12W)
Bremer	Sweet Marsh	DNR	IA-009-00001437	14.4	FREMONT (T92N R12W)
Buchanan	Buckles/Clay	DNR	IA-010-00001029	9.5	PERRY (T89N R10W)
Buchanan	Buckles/Clay	DNR	IA-010-00001029	3.4	PERRY (T89N R10W)
Buchanan	Troy Mills	DNR	IA-010-00003095	6.8	CONO (T87N R08W)
Buchanan	Troy Mills	DNR	IA-010-00003169	2.8	CONO (T87N R08W)
Buchanan	Troy Mills	DNR	IA-010-00003095	36.3	CONO (T87N R08W)
Buena Vista	Little Storm Lake	DNR	IA-011-00001492	235.6	HAYES (T90N R37W)
Buena Vista	Pickerel Lake	USFWS	IA-011-00000151	4.1	POLAND (T93N R35W)
Buena Vista	Pickerel Lake	DNR	IA-011-00000075	5.9	POLAND (T93N R35W)
Butler	Big Marsh	DNR	IA-012-00002371	291.5	RIPLEY (T91N R17W)
Butler	Big Marsh	DNR	IA-012-00002371	303.2	RIPLEY (T91N R17W)
Butler	Big Marsh	DNR	IA-012-00002371	163.9	RIPLEY (T91N R17W)
Butler	Big Marsh	DNR	IA-012-00002346	2.8	RIPLEY (T91N R17W)
Butler	Big Marsh	DNR	IA-012-00004006	3.6	RIPLEY (T91N R17W)
Butler	Big Marsh	DNR	IA-012-00004007	15.8	MADISON (T91N R18W)
Carroll	Artesian Lake	DNR	IA-014-00000486	28.2	JASPER (T85N R33W)
Cerro Gordo	Lekwa Marsh	DNR	IA-017-00002060	11.1	CLEAR LAKE (T96N R22W)
Cerro Gordo	McIntosh	DNR	IA-017-00001856	27.5	CLEAR LAKE (T96N R22W)
Cerro Gordo	McIntosh	DNR	IA-017-00001847	4.8	CLEAR LAKE (T96N R22W)
Cerro Gordo	Sandpiper Hills	USFWS	IA-017-00004038	2.6	GRANT (T97N R22W)
Cerro Gordo	Sandpiper Hills	USFWS	IA-017-00004039	9.6	GRANT (T97N R22W)
Cerro Gordo	Sandpiper Hills	USFWS	IA-017-00004040	17.6	GRANT (T97N R22W)
Cerro Gordo	Teal Basins	USFWS	IA-017-00004035	4.5	GRANT (T97N R22W)
Cerro Gordo	Teal Basins	USFWS	IA-017-00004036	11.5	GRANT (T97N R22W)
Cerro Gordo	Teal Basins	USFWS	IA-017-00004037	5.6	GRANT (T97N R22W)
Cerro Gordo	Ventura Marsh	DNR	IA-017-00001983	6.6	CLEAR LAKE (T96N R22W)
Cerro Gordo	Ventura Marsh	DNR	IA-017-00001989	32.5	CLEAR LAKE (T96N R22W)
Cerro Gordo	Ventura Marsh	DNR	IA-017-00001919	512.3	CLEAR LAKE (T96N R22W)
Cerro Gordo	Wild Goose Marsh	DNR	IA-017-00004034	3.3	GRANT (T97N R22W)
Cerro Gordo	Wild Goose Marsh	DNR	IA-017-00000978	4.4	GRANT (T97N R22W)
Cerro Gordo	Wild Goose Marsh	DNR	IA-017-00000885	60.1	GRANT (T97N R22W)
Chickasaw	Upper Wapsi	DNR	IA-019-00004471	9.2	RICHLAND (T94N R13W)
Clay	Barringer Slough	USFWS	IA-021-00005125	2.3	FREEMAN (T96N R35W)

Clay	Barringer Slough	USFWS	IA-021-00005129	11.0	FREEMAN (T96N R35W)
Clay	Barringer Slough	USFWS	IA-021-00005123	2.7	FREEMAN (T96N R35W)
Clay	Barringer Slough	DNR	IA-021-00001963	32.7	FREEMAN (T96N R35W)
Clay	Barringer Slough	DNR	IA-021-00001708	780.3	FREEMAN (T96N R35W)
Clay	Barringer Slough	DNR	IA-021-00005132	2.0	FREEMAN (T96N R35W)
Clay	Dan Green Slough	DNR	IA-021-00000527	294.0	LAKE (T97N R35W)
Clay	Dan Green Slough		IA-021-00000629	30.7	MEADOW (T97N R36W)
Clay	Dan Green Slough		IA-021-00000629	10.9	LAKE (T97N R35W)
Clay	Dewey's Pasture Complex	DNR	IA-021-00001386	435.7	LAKE (T97N R35W)
Clay	Dewey's Pasture Complex	DNR	IA-021-00000601	1,153.4	LAKE (T97N R35W)
Clay	Dewey's Pasture Complex	DNR	IA-021-00001049	223.3	LAKE (T97N R35W)
Clay	Dewey's Pasture Complex	USFWS	IA-021-00005122	2.0	LAKE (T97N R35W)
Clay	Dewey's Pasture Complex	USFWS	IA-021-00005121	2.7	LAKE (T97N R35W)
Clay	Dewey's Pasture Complex	USFWS	IA-021-00005133	3.8	LAKE (T97N R35W)
Clay	Dewey's Pasture Complex	USFWS	IA-021-00005134	4.4	LAKE (T97N R35W)
Clay	Dewey's Pasture Complex	USFWS	IA-021-00001025	9.2	LAKE (T97N R35W)
Clay	Dewey's Pasture Complex	DNR	IA-021-00005127	5.5	LAKE (T97N R35W)
Clay	Dewey's Pasture Complex	DNR	IA-021-00005126	4.4	LAKE (T97N R35W)
Clay	Dewey's Pasture Complex	DNR	IA-021-00000655	6.4	LAKE (T97N R35W)
Clay	Dewey's Pasture Complex	DNR	IA-021-00005124	2.2	LAKE (T97N R35W)
Clay	Dewey's Pasture Complex	DNR	IA-021-00000602	2.0	LAKE (T97N R35W)
Clay	Dewey's Pasture Complex	DNR	IA-021-00000864	22.4	LAKE (T97N R35W)
Clay	Dewey's Pasture Complex	DNR	IA-021-00000864	37.0	LAKE (T97N R35W)
Clay	Dewey's Pasture Complex	DNR	IA-021-00000864	21.7	LAKE (T97N R35W)
Clay	Dewey's Pasture Complex	DNR	IA-021-00000864	20.7	LAKE (T97N R35W)
Clay	Dewey's Pasture Complex	DNR	IA-021-00000873	19.4	LAKE (T97N R35W)
Clay	Dewey's Pasture Complex	USFWS	IA-021-00001287	21.2	LAKE (T97N R35W)
Clay	Dewey's Pasture Complex	USFWS	IA-021-00001287	5.2	LAKE (T97N R35W)
Clay	Dewey's Pasture Complex	USFWS	IA-021-00005120	2.5	LAKE (T97N R35W)
Clay	DU Marsh	DNR	IA-021-00002963	86.8	FREEMAN (T96N R35W)
Clay	DU Marsh	DNR	IA-021-00002963	3.2	FREEMAN (T96N R35W)
Clay	Elk Lake Wetland Complex	DNR	IA-021-00003592	66.4	LOGAN (T95N R35W)
Clay	Elk Lake Wetland Complex	DNR	IA-021-00003592	2.2	LOGAN (T95N R35W)
Clay	Elk Lake Wetland Complex	DNR	IA-021-00003498	275.0	LOGAN (T95N R35W)
Clay	Elk Lake Wetland Complex	USFWS	IA-021-00003375	10.7	FREEMAN (T96N R35W)
Clay	Elk Lake Wetland Complex	USFWS	IA-021-00003388	10.9	FREEMAN (T96N R35W)
Clay	Elk Lake Wetland Complex	USFWS	IA-021-00003514	3.4	FREEMAN (T96N R35W)
Clay	Elk Lake Wetland Complex	USFWS	IA-021-00003470	8.7	FREEMAN (T96N R35W)
Clay	Fen Valley	DNR	IA-021-00005131	2.1	LOGAN (T95N R35W)
Clay	Hawk Valley	DNR	IA-021-00002609	13.2	SIOUX (T96N R36W)
Clay	Hawk Valley	DNR	IA-021-00002807	6.6	SIOUX (T96N R36W)
Clay	Ocheyedan River	DNR	IA-021-00001061	3.3	SUMMIT (T97N R37W)
Clay	Ocheyedan River	DNR	IA-021-00001066	4.3	SUMMIT (T97N R37W)
Clay	Ocheyedan River	DNR	IA-021-00001155	3.8	SUMMIT (T97N R37W)
Clay	Ocheyedan River	DNR	IA-021-00001738	20.7	RIVERTON (T96N R37W)
Clay	Ocheyedan River	DNR	IA-021-00001651	5.2	RIVERTON (T96N R37W)
Clay	Reiter	DNR	IA-021-00005130	4.9	SPENCER (T96N R37W)
Clay	Reiter	DNR	IA-021-00005118	2.3	RIVERTON (T96N R37W)
Clay	Reiter	DNR	IA-021-00005119	2.2	SPENCER (T97N R37W)
Clay	Reiter	DNR	IA-021-00005117	3.2	SPENCER (T96N R37W)
Clay	Reiter	DNR	IA-021-00005114	4.5	SPENCER (T97N R37W)
Clay	Reiter	DNR	IA-021-00005115	2.7	SPENCER (T96N R37W)

Clay	Reiter	DNR	IA-021-00001665	4.6	RIVERTON (T96N R37W)
Clay	Reiter	DNR	IA-021-00005116	6.3	RIVERTON (T96N R37W)
Clayton	Marquette Mitigation Sites	DNR	IA-022-00000001	7.3	MENDON (BG#1 BG#1)
Clayton	Marquette Mitigation Sites	DNR	IA-022-00000207	2.3	MENDON (BG#1 BG#1)
Clayton	Marquette Mitigation Sites	DNR	IA-022-00000207	4.2	MENDON (BG#1 BG#1)
Clinton	Barber Creek	DNR	IA-023-00002017	6.0	ORANGE (T81N R03E)
Davis	Soap Creek	DNR	IA-026-00009252	10.8	MARION (T70N R15W)
Davis	Soap Creek	DNR	IA-026-00009253	11.6	MARION (T70N R15W)
Davis	Soap Creek	DNR	IA-026-00009254	10.5	MARION (T70N R15W)
Delaware	Buffalo Creek	DNR	IA-010-00003357	5.9	ADAMS (T87N R06W)
Des Moines	Blackhawk Bottoms	DNR	IA-029-00000001	238.3	CONCORDIA (T69N R02W)
Dickinson	Cayler Prairie	DNR	IA-030-00002122	2.4	LAKEVILLE (T99N R37W)
Dickinson	Cayler Prairie	DNR	IA-030-00004243	2.9	LAKEVILLE (T99N R37W)
Dickinson	Cayler Prairie	DNR	IA-030-00002062	3.9	LAKEVILLE (T99N R37W)
Dickinson	Cayler Prairie	DNR	IA-030-00002406	3.1	LAKEVILLE (T99N R37W)
Dickinson	Center Lake Complex	DNR	IA-030-00001808	265.3	CENTER GROVE (T99N R36W)
Dickinson	Center Lake Complex	DNR	IA-030-00002052	3.2	CENTER GROVE (T99N R36W)
Dickinson	Center Lake Complex	DNR	IA-030-00001881	3.0	CENTER GROVE (T99N R36W)
Dickinson	Center Lake Complex	DNR	IA-030-00004252	4.1	CENTER GROVE (T99N R36W)
Dickinson	Center Lake Complex	DNR	IA-030-00001774	15.7	CENTER GROVE (T99N R36W)
Dickinson	Center Lake Complex	DNR	IA-030-00001774	14.6	CENTER GROVE (T99N R36W)
Dickinson	Center Lake Complex	DNR	IA-030-00001944	3.0	CENTER GROVE (T99N R36W)
Dickinson	Center Lake Complex	DNR	IA-030-00004255	3.0	CENTER GROVE (T99N R36W)
Dickinson	Center Lake Complex	DNR	IA-030-00002120	3.9	OKOBOJI (T99N R36W)
Dickinson	Center Lake Complex	DNR	IA-030-00002150	3.3	OKOBOJI (T99N R36W)
Dickinson	Center Lake Complex	DNR	IA-030-00001933	2.6	CENTER GROVE (T99N R36W)
Dickinson	Christopherson Slough	DNR	IA-030-00000484	137.4	SUPERIOR (T100N R35W)
Dickinson	Christopherson Slough	DNR	IA-030-00000697	56.3	SUPERIOR (T100N R35W)
Dickinson	Christopherson Slough	DNR	IA-030-00000795	190.6	SUPERIOR (T100N R35W)
Dickinson	Christopherson Slough	DNR	IA-030-00000775	147.4	SUPERIOR (T100N R35W)
Dickinson	Christopherson Slough	DNR	IA-030-00000603	7.3	SUPERIOR (T100N R35W)
Dickinson	Cory Marsh	DNR	IA-030-00000755	46.5	SILVER LAKE (T100N R38W)
Dickinson	Diamond Lake	USFWS	IA-030-00004239	4.7	DIAMOND LAKE (T100N R37W)
Dickinson	Diamond Lake	USFWS	IA-030-00004220	7.4	DIAMOND LAKE (T100N R37W)
Dickinson	Diamond Lake	USFWS	IA-030-00000080	2.6	DIAMOND LAKE (T100N R37W)
Dickinson	Diamond Lake	USFWS	IA-030-00000107	2.9	DIAMOND LAKE (T100N R37W)
Dickinson	Diamond Lake	DNR	IA-030-00000233	5.2	DIAMOND LAKE (T100N R37W)
Dickinson	Diamond Lake	USFWS	IA-030-00000119	3.8	DIAMOND LAKE (T100N R37W)
Dickinson	Diamond Lake	DNR	IA-030-00000191	144.8	DIAMOND LAKE (T100N R37W)
Dickinson	Diamond Lake	USFWS	IA-030-00004221	4.1	DIAMOND LAKE (T100N R37W)
Dickinson	Diamond Lake	USFWS	IA-030-00000119	5.7	DIAMOND LAKE (T100N R37W)
Dickinson	Diamond Lake	DNR	IA-030-00000191	14.2	DIAMOND LAKE (T100N R37W)
Dickinson	Dugout Creek	USFWS	IA-030-00004245	8.1	EXCELSIOR (T99N R38W)
Dickinson	Dugout Creek	USFWS	IA-030-00001905	113.1	EXCELSIOR (T99N R38W)
Dickinson	Garlock Slough	DNR	IA-030-00003030	80.9	WEST OKOBOJI (T99N R37W)
Dickinson	Garlock Slough	USFWS	IA-030-00003204	15.2	LAKEVILLE (T99N R37W)
Dickinson	Garlock Slough	USFWS	IA-030-00003091	17.3	LAKEVILLE (T99N R37W)
Dickinson	Garlock Slough	USFWS	IA-030-00003135	6.5	LAKEVILLE (T99N R37W)
Dickinson	Garlock Slough	USFWS	IA-030-00003168	2.8	LAKEVILLE (T99N R37W)
Dickinson	Garlock Slough	DNR	IA-030-00003078	23.8	WEST OKOBOJI (T99N R37W)
Dickinson	Hales Slough	DNR	IA-030-00000501	11.9	SPIRIT LAKE (T100N R36W)
Dickinson	Hales Slough	DNR	IA-030-00000501	52.4	SPIRIT LAKE (T100N R36W)

Dickinson	Jemmerson Slough Complex	DNR	IA-030-00001194	41.0	SPIRIT LAKE (T100N R36W)
Dickinson	Jemmerson Slough Complex	DNR	IA-030-00001295	87.9	SPIRIT LAKE (T100N R36W)
Dickinson	Jemmerson Slough Complex	DNR	IA-030-00001295	30.2	CENTER GROVE (T99N R36W)
Dickinson	Jemmerson Slough Complex	DNR	IA-030-00001407	87.6	SPIRIT LAKE (T100N R36W)
Dickinson	Jemmerson Slough Complex	DNR	IA-030-00001293	23.3	SPIRIT LAKE (T100N R36W)
Dickinson	Jemmerson Slough Complex	USFWS	IA-030-00004253	2.8	SPIRIT LAKE (T100N R36W)
Dickinson	Jemmerson Slough Complex	USFWS	IA-030-00004249	4.6	SPIRIT LAKE (T100N R36W)
Dickinson	Jemmerson Slough Complex	DNR	IA-030-00004250	8.9	SPIRIT LAKE (T100N R36W)
Dickinson	Jemmerson Slough Complex	USFWS	IA-030-00004248	5.3	SPIRIT LAKE (T100N R36W)
Dickinson	Jemmerson Slough Complex	USFWS	IA-030-00001523	2.9	SPIRIT LAKE (T100N R36W)
Dickinson	Jemmerson Slough Complex	DNR	IA-030-00001315	6.5	DIAMOND LAKE (T100N R37W)
Dickinson	Jemmerson Slough Complex	DNR	IA-030-00001377	9.3	DIAMOND LAKE (T100N R37W)
Dickinson	Jemmerson Slough Complex	USFWS	IA-030-00001293	46.8	SPIRIT LAKE (T100N R36W)
Dickinson	Kettleson Hogsback	DNR	IA-030-00004226	2.9	DIAMOND LAKE (T100N R37W)
Dickinson	Kettleson Hogsback	DNR	IA-030-00000396	2.2	SPIRIT LAKE (T100N R36W)
Dickinson	Kettleson Hogsback	DNR	IA-030-00000110	6.5	DIAMOND LAKE (T100N R37W)
Dickinson	Kettleson Hogsback	DNR	IA-030-00004227	3.0	DIAMOND LAKE (T100N R37W)
Dickinson	Kettleson Hogsback	DNR	IA-030-00004228	8.8	DIAMOND LAKE (T100N R37W)
Dickinson	Kettleson Hogsback	DNR	IA-030-00004229	7.7	DIAMOND LAKE (T100N R37W)
Dickinson	Kettleson Hogsback	DNR	IA-030-00004230	12.9	DIAMOND LAKE (T100N R37W)
Dickinson	Kettleson Hogsback	DNR	IA-030-00004233	8.7	DIAMOND LAKE (T100N R37W)
Dickinson	Kettleson Hogsback	DNR	IA-030-00000320	3.8	DIAMOND LAKE (T100N R37W)
Dickinson	Kettleson Hogsback	DNR	IA-030-00004235	10.2	DIAMOND LAKE (T100N R37W)
Dickinson	Kettleson Hogsback	DNR	IA-030-00000424	179.4	SPIRIT LAKE (T100N R36W)
Dickinson	Kettleson Hogsback	DNR	IA-030-00000372	3.9	SPIRIT LAKE (T100N R36W)
Dickinson	Kettleson Hogsback	DNR	IA-030-00000022	210.9	SPIRIT LAKE (T100N R36W)
Dickinson	Kettleson Hogsback	DNR	IA-030-00000016	203.3	DIAMOND LAKE (T100N R37W)
Dickinson	Kettleson Hogsback	DNR	IA-030-00000384	12.5	SPIRIT LAKE (T100N R36W)
Dickinson	Kettleson Hogsback	DNR	IA-030-00000245	30.6	SPIRIT LAKE (T100N R36W)
Dickinson	Kettleson Hogsback	DNR	IA-030-00000094	349.9	SPIRIT LAKE (T100N R36W)
Dickinson	Kettleson Hogsback	DNR	IA-030-00000594	10.5	SPIRIT LAKE (T100N R36W)
Dickinson	Lower Gar Lake Complex	DNR	IA-030-00001190	257.3	CENTER GROVE (T99N R36W)
Dickinson	Santee Prairie	USFWS	IA-030-00004246	3.9	LAKEVILLE (T99N R37W)
Dickinson	Santee Prairie	USFWS	IA-030-00001495	2.0	LAKEVILLE (T99N R37W)
Dickinson	Santee Prairie	USFWS	IA-030-00001467	14.6	LAKEVILLE (T99N R37W)
Dickinson	Santee Prairie	USFWS	IA-030-00001594	4.1	LAKEVILLE (T99N R37W)
Dickinson	Santee Prairie	USFWS	IA-030-00001484	11.7	LAKEVILLE (T99N R37W)
Dickinson	Santee Prairie	USFWS	IA-030-00004247	2.2	DIAMOND LAKE (T100N R37W)
Dickinson	Silver Lake Wetland Complex	DNR	IA-030-00000869	1,064.0	SILVER LAKE (T100N R38W)
Dickinson	Spring Run	DNR	IA-030-00004242	3.8	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002767	36.5	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00004241	7.0	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00004240	6.4	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002712	9.5	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002910	13.4	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002910	20.3	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002735	3.1	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002863	2.8	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00004251	2.1	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00004238	3.1	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	USFWS	IA-030-00004254	3.5	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002818	5.2	CENTER GROVE (T99N R36W)

Dickinson	Spring Run	DNR	IA-030-00002762	22.5	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	USFWS	IA-030-00002904	5.8	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	USFWS	IA-030-00002877	4.1	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	USFWS	IA-030-00002950	6.2	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	USFWS	IA-030-00002872	40.0	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002688	8.9	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002742	4.1	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	USFWS	IA-030-00002792	2.7	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002720	17.5	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	USFWS	IA-030-00002772	2.8	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	USFWS	IA-030-00003013	19.2	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	USFWS	IA-030-00004237	8.9	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	USFWS	IA-030-00004236	2.5	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	USFWS	IA-030-00004234	4.2	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	USFWS	IA-030-00004232	10.8	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002518	98.4	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002487	3.1	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00004231	10.3	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002289	46.3	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	USFWS	IA-030-00002382	3.9	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002429	36.7	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002403	54.2	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002415	13.7	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002593	71.2	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002678	11.5	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002659	12.9	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002497	16.1	RICHLAND (T99N R35W)
Dickinson	Spring Run	DNR	IA-030-00002606	4.5	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002574	5.4	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002575	5.3	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002546	2.8	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00004225	4.8	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	USFWS	IA-030-00004224	10.0	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002567	4.9	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	USFWS	IA-030-00004223	4.1	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002635	6.5	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	USFWS	IA-030-00004222	3.1	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002568	7.2	CENTER GROVE (T99N R36W)
Dickinson	Spring Run	DNR	IA-030-00002148	117.4	RICHLAND (T99N R35W)
Dickinson	Spring Run	DNR	IA-030-00002148	86.9	RICHLAND (T99N R35W)
Dickinson	Trickle Slough	DNR	IA-030-00000042	6.9	SPIRIT LAKE (T100N R36W)
Dickinson	Welch Lake	DNR	IA-030-00001415	3.3	DIAMOND LAKE (T100N R37W)
Dickinson	Welch Lake	DNR	IA-030-00001350	2.0	DIAMOND LAKE (T100N R37W)
Dickinson	Yager Slough	USFWS	IA-030-00004244	7.5	EXCELSIOR (T99N R38W)
Dickinson	Yager Slough	USFWS	IA-030-00002225	44.1	EXCELSIOR (T99N R38W)
Dickinson	Yager Slough	USFWS	IA-030-00002321	53.8	EXCELSIOR (T99N R38W)
Emmet	Burr Oak Lake	DNR	IA-032-00003670	88.5	HIGH LAKE (T98N R33W)
Emmet	Burr Oak Lake	DNR	IA-032-00003670	13.8	HIGH LAKE (T98N R33W)
Emmet	Burr Oak Lake	USFWS	IA-032-00004403	3.2	HIGH LAKE (T98N R33W)
Emmet	Cheever Lake	DNR	IA-032-00001873	387.7	ESTHERVILLE (T99N R34W)
Emmet	Four Mile Lake	DNR	IA-032-00001590	209.5	ESTHERVILLE (T99N R34W)
Emmet	Four Mile Lake	DNR	IA-032-00004395	2.7	ESTHERVILLE (T99N R34W)

Emmet	Four Mile Lake	DNR	IA-032-00004396	7.4	ESTHERVILLE (T99N R34W)
Emmet	Four Mile Lake	DNR	IA-032-00004397	27.8	ESTHERVILLE (T99N R34W)
Emmet	Four Mile Lake	USFWS	IA-032-00004398	2.2	ESTHERVILLE (T99N R34W)
Emmet	Four Mile Lake	USFWS	IA-032-00001575	3.8	ESTHERVILLE (T99N R34W)
Emmet	Four Mile Lake	USFWS	IA-032-00004399	46.8	ESTHERVILLE (T99N R34W)
Emmet	Four Mile Lake	USFWS	IA-032-00001488	23.6	ESTHERVILLE (T99N R34W)
Emmet	Iowa Lake	DNR	IA-032-00000263	3.0	IOWA LAKE (T100N R31W)
Emmet	Iowa Lake	DNR	IA-032-00000053	108.6	IOWA LAKE (T100N R31W)
Emmet	Iowa Lake	DNR	IA-032-00004404	4.0	IOWA LAKE (T100N R31W)
Emmet	Iowa Lake	DNR	IA-032-00000053	10.1	IOWA LAKE (T100N R31W)
Emmet	Iowa Lake	DNR	IA-032-00000053	221.7	IOWA LAKE (T100N R31W)
Emmet	Tuttle Lake Wetland Complex	USFWS	IA-032-00000172	2.9	LINCOLN (T100N R32W)
Emmet	Tuttle Lake Wetland Complex	DNR	IA-032-00000046	23.8	LINCOLN (T100N R32W)
Emmet	Tuttle Lake Wetland Complex	DNR	IA-032-00000034	75.6	LINCOLN (T100N R32W)
Emmet	Tuttle Lake Wetland Complex	DNR	IA-032-00000026	911.1	LINCOLN (T100N R32W)
Emmet	Tuttle Lake Wetland Complex	DNR	IA-032-00000150	24.9	LINCOLN (T100N R32W)
Emmet	Tuttle Lake Wetland Complex	DNR	IA-032-00000150	24.9	LINCOLN (T100N R32W)
Emmet	Tuttle Lake Wetland Complex	DNR	IA-032-00000277	4.6	LINCOLN (T100N R32W)
Emmet	Tuttle Lake Wetland Complex	DNR	IA-032-00000304	36.0	LINCOLN (T100N R32W)
Emmet	Tuttle Lake Wetland Complex	DNR	IA-032-00000258	6.1	LINCOLN (T100N R32W)
Emmet	Twelve Mile Lake	USFWS	IA-032-00003648	34.6	TWELVE MILE LAKE (T98N R34W)
Emmet	Twelve Mile Lake	USFWS	IA-032-00004402	3.4	TWELVE MILE LAKE (T98N R34W)
Emmet	Twelve Mile Lake	USFWS	IA-032-00004401	2.3	TWELVE MILE LAKE (T98N R34W)
Emmet	Twelve Mile Lake	USFWS	IA-032-00004400	4.8	TWELVE MILE LAKE (T98N R34W)
Floyd	Restoration Marsh	DNR	IA-034-00000274	26.1	CEDAR (T97N R16W)
Franklin	Whitetail Flats	DNR	IA-035-00003085	34.6	OAKLAND (T90N R22W)
Fremont	Riverton	DNR	IA-036-00003486	36.8	RIVERTON (T68N R41W)
Fremont	Riverton	DNR	IA-036-00003054	918.3	RIVERTON (T68N R41W)
Fremont	Riverton	DNR	IA-036-00003071	49.7	RIVERTON (T68N R41W)
Fremont	Riverton	DNR	IA-036-00002959	40.1	RIVERTON (T68N R41W)
Fremont	Riverton	DNR	IA-036-00002850	99.3	RIVERTON (T68N R41W)
Fremont	Riverton	DNR	IA-036-00002870	227.6	RIVERTON (T68N R41W)
Fremont	Riverton	DNR	IA-036-00004545	99.0	RIVERTON (T68N R41W)
Fremont	Riverton	DNR	IA-036-00004546	38.1	RIVERTON (T68N R41W)
Fremont	Riverton	DNR	IA-036-00004547	47.8	RIVERTON (T68N R41W)
Fremont	Riverton	DNR	IA-036-00004548	74.8	RIVERTON (T68N R41W)
Fremont	Riverton	DNR	IA-036-00004549	72.1	RIVERTON (T68N R41W)
Fremont	Riverton	DNR	IA-036-00003390	8.1	RIVERTON (T68N R41W)
Fremont	Riverton	DNR	IA-036-00004550	89.4	RIVERTON (T68N R41W)
Fremont	Riverton	DNR	IA-036-00004551	339.1	RIVERTON (T68N R41W)
Fremont	Riverton	DNR	IA-036-00004552	23.4	RIVERTON (T68N R41W)
Greene	Dunbar Slough	USFWS	IA-037-00002124	12.1	SCRANTON (T83N R32W)
Greene	Dunbar Slough	USFWS	IA-037-00002117	5.6	SCRANTON (T83N R32W)
Greene	Dunbar Slough	USFWS	IA-037-00002138	2.2	SCRANTON (T83N R32W)
Greene	Dunbar Slough	DNR	IA-037-00003269	35.8	SCRANTON (T83N R32W)
Greene	Dunbar Slough	DNR	IA-037-00001642	9.0	SCRANTON (T83N R32W)
Greene	Dunbar Slough	DNR	IA-037-00001667	97.4	SCRANTON (T83N R32W)
Greene	Dunbar Slough	DNR	IA-037-00001790	221.3	SCRANTON (T83N R32W)
Greene	Dunbar Slough	DNR	IA-037-00001730	23.3	SCRANTON (T83N R32W)
Greene	Dunbar Slough	USFWS	IA-037-00003271	30.8	SCRANTON (T82N R32W)
Greene	Dunbar Slough	USFWS	IA-037-00003272	71.9	SCRANTON (T82N R32W)
Greene	Dunbar Slough	USFWS	IA-037-00003273	11.1	SCRANTON (T82N R32W)

Greene	Snake Creek Marsh	DNR	IA-037-00002060	11.0	WASHINGTON (T83N R29W)
Greene	Snake Creek Marsh	DNR	IA-037-00002060	19.0	WASHINGTON (T83N R29W)
Greene	Snake Creek Marsh	DNR	IA-037-00002060	96.6	WASHINGTON (T83N R29W)
Guthrie	Bays Branch	DNR	IA-039-00001306	260.5	CASS (T80N R30W)
Guthrie	McCord Pond	DNR	IA-039-00000279	47.4	HIGHLAND (T81N R32W)
Hamilton	Little Wall Lake	DNR	IA-040-00002577	249.5	ELLSWORTH (T86N R24W)
Hancock	Crystal Lake	DNR	IA-041-00000351	263.6	CRYSTAL (T97N R25W)
Hancock	Crystal Lake	DNR	IA-041-00000351	10.2	CRYSTAL (T97N R25W)
Hancock	Crystal Lake	DNR	IA-041-00003385	2.5	CRYSTAL (T97N R25W)
Hancock	Crystal Lake	DNR	IA-041-0000306	11.1	CRYSTAL (T97N R25W)
Hancock	Eagle Lake	DNR	IA-041-00001504	851.5	GARFIELD (T96N R24W)
Hancock	East Twin Lake	DNR	IA-041-00003207	24.2	TWIN LAKE (T94N R24W)
Hancock	East Twin Lake	DNR	IA-041-00003148	190.2	TWIN LAKE (T94N R24W)
Hancock	East Twin Lake	DNR	IA-041-00003189	10.5	TWIN LAKE (T94N R24W)
Hancock	Gabrielson	DNR	IA-041-00000331	2.8	ELLINGTON (T97N R23W)
Hancock	Gabrielson	DNR	IA-041-00000320	3.8	ELLINGTON (T97N R23W)
Hancock	Gabrielson	DNR	IA-041-00000320	10.4	ELLINGTON (T97N R23W)
Hancock	Ventura Marsh	DNR	IA-041-00001629	4.1	CONCORD (T96N R23W)
Hancock	West Twin Lake	DNR	IA-041-00003145	113.4	TWIN LAKE (T94N R24W)
Harrison	DeSoto Bend NWR	USFWS	IA-043-00002247	926.8	CINCINNATI (T78N R45W)
Harrison	Nobles Lake	DNR	IA-043-00002481	103.3	CINCINNATI (T78N R45W)
Harrison	Round Lake	DNR	IA-043-00000901	180.2	MORGAN (T80N R45W)
Iowa	Highway 21 Access	DNR	IA-048-00000030	7.2	HONEY CREEK (T81N R12W)
Iowa	Iowa River Corridor	USFWS	IA-006-00003667	4.1	HONEY CREEK (T81N R12W)
Iowa	Iowa River Corridor	USFWS	IA-048-00000017	12.6	HONEY CREEK (T81N R12W)
Iowa	Iowa River Corridor	USFWS	IA-048-00000228	7.0	HONEY CREEK (T81N R12W)
Iowa	Iowa River Corridor	USFWS	IA-048-00000316	3.4	HONEY CREEK (T81N R12W)
Iowa	Iowa River Corridor	USFWS	IA-048-00000022	2.6	HONEY CREEK (T81N R12W)
Iowa	Iowa River Corridor	USFWS	IA-048-00000145	11.3	HONEY CREEK (T81N R12W)
Iowa	Iowa River Corridor	USFWS	IA-048-00001058	179.6	WASHINGTON (T81N R10W)
Iowa	Iowa River Corridor	USFWS	IA-048-00000883	10.4	MARENGO (T81N R11W)
Iowa	Iowa River Corridor	USFWS	IA-048-00000898	7.5	MARENGO (T81N R11W)
Iowa	Iowa River Corridor	USFWS	IA-048-00000797	3.1	MARENGO (T81N R11W)
Iowa	Iowa River Corridor	USFWS	IA-048-00000990	14.6	MARENGO (T81N R11W)
Iowa	Iowa River Corridor	USFWS	IA-048-00000608	19.5	MARENGO (T81N R11W)
Iowa	Iowa River Corridor	USFWS	IA-048-00000608	13.8	MARENGO (T81N R11W)
Iowa	Iowa River Corridor	USFWS	IA-048-00000954	4.7	MARENGO (T81N R11W)
Iowa	Iowa River Corridor	USFWS	IA-048-00000608	13.7	MARENGO (T81N R11W)
Iowa	Iowa River Corridor	USFWS	IA-048-00000911	2.3	MARENGO (T81N R11W)
Iowa	Iowa River Corridor	USFWS	IA-048-00000415	17.1	HONEY CREEK (T81N R12W)
Iowa	Iowa River Corridor	USFWS	IA-048-00000415	2.4	HONEY CREEK (T81N R12W)
Iowa	Iowa River Corridor	USFWS	IA-048-00004650	6.1	HONEY CREEK (T81N R12W)
Iowa	Randolph	USFWS	IA-048-00000283	7.1	HONEY CREEK (T81N R12W)
Jackson	Big Mill	DNR	IA-049-00000245	19.3	BELLEVUE (T86N R04E)
Jackson	Big Mill	DNR	IA-049-00001784	3.4	BELLEVUE (T86N R04E)
Jackson	Big Mill	DNR	IA-049-00001785	11.5	BELLEVUE (T86N R04E)
Jasper	Rock Creek Marsh	DNR	IA-050-00001377	204.0	ROCK CREEK (T80N R17W)
Jasper	Rock Creek Marsh	DNR	IA-050-00001377	204.0	ROCK CREEK (T80N R17W)
Johnson	Hawkeye	USACE	IA-052-00000139	13.6	OXFORD (T81N R08W)
Johnson	Hawkeye	USACE	IA-052-00000139	19.9	OXFORD (T81N R08W)
Johnson	Hawkeye	DNR	IA-052-00003064	18.0	OXFORD (T81N R08W)
Johnson	Hawkeye	USACE	IA-052-00000139	48.4	OXFORD (T81N R08W)

Johnson	Hawkeye	DNR	IA-052-00003063	17.6	OXFORD (T80N R08W)
Johnson	Hawkeye	USACE	IA-052-00000139	115.9	OXFORD (T81N R08W)
Johnson	Hawkeye	USACE	IA-052-00000139	4.3	OXFORD (T81N R08W)
Johnson	Hawkeye	USACE	IA-052-00000139	2.7	OXFORD (T81N R08W)
Johnson	Hawkeye	USACE	IA-052-00000139	3.1	OXFORD (T81N R08W)
Johnson	Hawkeye	USACE	IA-052-00000139	98.4	OXFORD (T81N R08W)
Johnson	Hawkeye	USACE	IA-052-00000834	6.8	OXFORD (T80N R08W)
Johnson	Hawkeye	USACE	IA-052-00000822	16.1	OXFORD (T80N R08W)
Johnson	Hawkeye	USACE	IA-052-00000803	6.4	OXFORD (T80N R08W)
Johnson	Hawkeye	USACE	IA-052-00000139	8.4	OXFORD (T81N R08W)
Johnson	Hawkeye	USACE	IA-052-00000139	7.4	OXFORD (T80N R08W)
Johnson	Hawkeye	USACE	IA-052-00000139	91.6	OXFORD (T81N R08W)
Johnson	Hawkeye	USACE	IA-052-00000139	9.3	MADISON (T81N R07W)
Johnson	Hawkeye	USACE	IA-052-00000706	9.7	MADISON (T81N R07W)
Johnson	Hawkeye	USACE	IA-052-00000740	4.0	MADISON (T81N R07W)
Johnson	Hawkeye	USACE	IA-052-00003065	3.1	MADISON (T81N R07W)
Johnson	Hawkeye	USACE	IA-052-00003066	14.3	MADISON (T81N R07W)
Johnson	Hawkeye	USACE	IA-052-00000780	12.4	OXFORD (T80N R08W)
Johnson	Hawkeye	USACE	IA-052-00000139	86.6	MONROE (T81N R08W)
Johnson	Hawkeye	DNR	IA-052-00000748	37.6	MADISON (T80N R07W)
Johnson	Red Bird Farms	DNR	IA-052-00003068	5.6	UNION (T79N R07W)
Johnson	Red Bird Farms	DNR	IA-052-00003067	5.0	UNION (T79N R07W)
Jones	Muskrat Slough	DNR	IA-053-00001730	3.3	ROME (T83N R03W)
Jones	Muskrat Slough	DNR	IA-053-00001706	269.4	ROME (T83N R03W)
Keokuk	Hayesville Bend	DNR	IA-054-00003790	114.0	WEST LANCASTER (T75N R13W)
Keokuk	Hayesville Bend	DNR	IA-054-00003697	6.5	WEST LANCASTER (T75N R13W)
Keokuk	Hayesville Bend	DNR	IA-054-00005122	51.4	WEST LANCASTER (T75N R13W)
Kossuth	Burt Lake	DNR	IA-055-00000004	45.9	EAGLE (T100N R30W)
Kossuth	Goose Lake	DNR	IA-055-00000060	12.2	EAGLE (T100N R30W)
Kossuth	Goose Lake	DNR	IA-055-00000180	122.3	EAGLE (T100N R30W)
Kossuth	Goose Lake	DNR	IA-055-00000139	9.7	EAGLE (T100N R30W)
Kossuth	Goose Lake	DNR	IA-055-00000139	25.6	EAGLE (T100N R30W)
Kossuth	Iowa Lake Marsh	USFWS	IA-055-00007451	5.0	EAGLE (T100N R30W)
Kossuth	Iowa Lake Marsh	USFWS	IA-055-00007452	10.2	EAGLE (T100N R30W)
Kossuth	Iowa Lake Marsh	DNR	IA-055-00000056	7.5	EAGLE (T100N R30W)
Kossuth	Iowa Lake Marsh	DNR	IA-055-00000006	29.2	EAGLE (T100N R30W)
Kossuth	Iowa Lake Marsh	DNR	IA-055-00000056	34.5	EAGLE (T100N R30W)
Kossuth	State Line Marsh	DNR	IA-055-00000075	7.4	EAGLE (T100N R30W)
Kossuth	State Line Marsh	DNR	IA-055-00000059	2.4	EAGLE (T100N R30W)
Kossuth	State Line Marsh	DNR	IA-055-00000030	5.5	EAGLE (T100N R30W)
Kossuth	State Line Marsh	USFWS	IA-055-00000037	8.0	EAGLE (T100N R30W)
Kossuth	State Line Marsh	DNR	IA-055-00000143	34.6	EAGLE (T100N R30W)
Kossuth	State Line Marsh	USFWS	IA-055-00000181	33.9	EAGLE (T100N R30W)
Kossuth	State Line Marsh	USFWS	IA-055-00000068	5.2	EAGLE (T100N R30W)
Kossuth	Union Slough NWR	USFWS	IA-055-00004931	63.2	PORTLAND (T97N R28W)
Kossuth	Union Slough NWR	USFWS	IA-055-00004409	2.6	PORTLAND (T97N R28W)
Kossuth	Union Slough NWR	USFWS	IA-055-00007450	3.7	PORTLAND (T97N R28W)
Kossuth	Union Slough NWR	USFWS	IA-055-00004404	65.1	PORTLAND (T97N R28W)
Kossuth	Union Slough NWR	USFWS	IA-055-00004176	108.9	PORTLAND (T97N R28W)
Linn	Chain-O-Lakes	DNR	IA-057-00001454	5.1	MONROE (T84N R08W)
Linn	Chain-O-Lakes	DNR	IA-057-00001454	9.6	MONROE (T84N R08W)
Linn	Chain-O-Lakes	DNR	IA-057-00001454	4.7	MONROE (T84N R08W)

Linn	Chain-O-Lakes	DNR	IA-057-00001447	9.1	MONROE (T84N R08W)
Louisa	Levee District 8	USFWS	IA-058-00002129	799.8	JEFFERSON (T73N R02W)
Louisa	Levee District 8	USFWS	IA-058-00002013	166.5	JEFFERSON (T73N R02W)
Louisa	Millrace Flats	DNR	IA-058-00002615	34.2	WAPELLO (T74N R03W)
Louisa	Millrace Flats	DNR	IA-058-00001311	56.3	PORT LOUISA (T74N R03W)
Louisa	Millrace Flats	DNR	IA-058-00001409	53.3	PORT LOUISA (T74N R03W)
Louisa	Millrace Flats	DNR	IA-058-00001377	75.8	WAPELLO (T74N R03W)
Louisa	Odessa	USACE	IA-058-00000971	2,637.8	JEFFERSON (T74N R02W)
Lucas	Colyn	DNR	IA-059-00005905	197.4	WASHINGTON (T71N R20W)
Lucas	Colyn	DNR	IA-059-00006186	86.3	WASHINGTON (T71N R20W)
Lucas	Rathbun	USACE	IA-059-00006349	272.6	WASHINGTON (T71N R20W)
Lucas	Rathbun	USACE	IA-059-00006746	50.9	WASHINGTON (T71N R20W)
Lucas	Rathbun	USACE	IA-059-00006354	29.7	WASHINGTON (T71N R20W)
Lucas	Rathbun	USACE	IA-059-00006934	25.0	BENTON (T71N R21W)
Lucas	Rathbun	USACE	IA-059-00006155	14.1	WASHINGTON (T71N R20W)
Lucas	Rathbun	USACE	IA-059-00005278	5.6	BENTON (T71N R21W)
Lucas	Rathbun	USACE	IA-059-00005398	10.6	BENTON (T71N R21W)
Mills	Willow Slough	DNR	IA-036-00000699	205.5	ANDERSON (T73N R40W)
Monona	Badger Lake	DNR	IA-067-00000696	40.9	LAKE (T85N R46W)
Monona	Badger Lake	DNR	IA-067-00000749	16.2	LINCOLN (T84N R46W)
Monona	Badger Lake	DNR	IA-067-00000612	39.4	LAKE (T85N R46W)
Monona	Badger Lake	DNR	IA-067-00000469	83.9	LAKE (T85N R46W)
Monona	Badger Lake	DNR	IA-067-00000453	102.6	LAKE (T85N R46W)
Monona	Badger Lake	DNR	IA-067-00000661	29.6	LAKE (T85N R46W)
Monona	Blue Lake	DNR	IA-067-00001684	116.6	FRANKLIN (T83N R46W)
Monona	Blue Lake	DNR	IA-067-00001440	277.8	FRANKLIN (T83N R46W)
Monona	Blue Lake	DNR	IA-067-00001440	98.6	LINCOLN (T83N R46W)
Monona	Blue Lake	DNR	IA-067-00001675	124.5	FRANKLIN (T83N R46W)
Muscatine	Cedar Bottoms	DNR	IA-070-00001221	6.1	PIKE (T77N R03W)
Muscatine	Cedar Bottoms	DNR	IA-070-00001288	2.3	PIKE (T77N R03W)
Muscatine	Cedar Bottoms	DNR	IA-070-00001212	6.4	PIKE (T77N R03W)
Muscatine	Cedar Bottoms	DNR	IA-070-00001204	2.3	PIKE (T77N R03W)
Muscatine	Red Cedar	DNR	IA-070-00001611	8.2	PIKE (T77N R04W)
Muscatine	Red Cedar	DNR	IA-070-00001626	5.6	PIKE (T77N R04W)
Muscatine	Wiese Slough	DNR	IA-070-00000358	45.9	MOSCOW (T78N R02W)
Muscatine	Wiese Slough	DNR	IA-070-00000358	101.0	GOSHEN (T78N R03W)
Muscatine	Wiese Slough	DNR	IA-070-00000358	145.8	MOSCOW (T78N R02W)
Muscatine	Wiese Slough	DNR	IA-070-00000358	20.3	GOSHEN (T78N R03W)
Muscatine	Wiese Slough	DNR	IA-070-00000415	4.2	MOSCOW (T78N R02W)
Muscatine	Wiese Slough	DNR	IA-070-00000415	2.3	MOSCOW (T78N R02W)
Muscatine	Wiese Slough	DNR	IA-070-00000415	61.1	MOSCOW (T78N R02W)
Osceola	Iowa Lake	DNR	IA-072-00000048	117.3	FAIRVIEW (T100N R39W)
Osceola	Rush Lake	DNR	IA-072-00000569	307.1	HORTON (T100N R40W)
Palo Alto	Bluewing Marsh	USFWS	IA-074-00001182	5.1	LOST ISLAND (T97N R34W)
Palo Alto	Bluewing Marsh	USFWS	IA-074-00001214	34.9	LOST ISLAND (T97N R34W)
Palo Alto	Bluewing Marsh	DNR	IA-074-00001301	11.7	LOST ISLAND (T97N R34W)
Palo Alto	Bluewing Marsh	USFWS	IA-074-00005187	3.0	HIGHLAND (T96N R34W)
Palo Alto	Bluewing Marsh	DNR	IA-074-00005188	3.5	HIGHLAND (T96N R34W)
Palo Alto	Bluewing Marsh	USFWS	IA-074-00001381	6.5	HIGHLAND (T96N R34W)
Palo Alto	Bluewing Marsh	DNR	IA-074-00001335	134.9	HIGHLAND (T96N R34W)
Palo Alto	Bluewing Marsh	DNR	IA-074-00001385	35.6	HIGHLAND (T96N R34W)
Palo Alto	Bluewing Marsh	USFWS	IA-074-00005190	2.5	HIGHLAND (T96N R34W)

Palo Alto	Bluewing Marsh	USFWS	IA-074-00001652	15.4	HIGHLAND (T96N R34W)
Palo Alto	Dewey's Pasture Complex	DNR	IA-021-00001348	1,168.6	LOST ISLAND (T97N R34W)
Palo Alto	Dewey's Pasture Complex	DNR	IA-021-00000880	91.9	LOST ISLAND (T97N R34W)
Palo Alto	Dewey's Pasture Complex	DNR	IA-074-00001108	7.9	LOST ISLAND (T97N R34W)
Palo Alto	Dewey's Pasture Complex	DNR	IA-074-00001026	85.8	LOST ISLAND (T97N R34W)
Palo Alto	Dewey's Pasture Complex	DNR	IA-074-00001032	66.0	LOST ISLAND (T97N R34W)
Palo Alto	Dewey's Pasture Complex	DNR	IA-074-00000897	5.7	LOST ISLAND (T97N R34W)
Palo Alto	Dewey's Pasture Complex	DNR	IA-074-00000897	131.8	LOST ISLAND (T97N R34W)
Palo Alto	Dewey's Pasture Complex	DNR	IA-074-00000897	8.3	LOST ISLAND (T97N R34W)
Palo Alto	Dewey's Pasture Complex	DNR	IA-074-00001058	31.8	LOST ISLAND (T97N R34W)
Palo Alto	Dewey's Pasture Complex	DNR	IA-074-00001022	3.5	LOST ISLAND (T97N R34W)
Palo Alto	Dewey's Pasture Complex	USFWS	IA-074-00005185	3.1	LOST ISLAND (T97N R34W)
Palo Alto	Dewey's Pasture Complex	USFWS	IA-074-00001007	5.8	LOST ISLAND (T97N R34W)
Palo Alto	Dewey's Pasture Complex	DNR	IA-074-00005186	2.2	LOST ISLAND (T97N R34W)
Palo Alto	Dewey's Pasture Complex	USFWS	IA-074-00000952	4.3	LOST ISLAND (T97N R34W)
Palo Alto	Dewey's Pasture Complex	DNR	IA-074-00000895	7.2	LOST ISLAND (T97N R34W)
Palo Alto	Dewey's Pasture Complex	DNR	IA-074-00000895	37.9	LOST ISLAND (T97N R34W)
Palo Alto	Dewey's Pasture Complex	DNR	IA-074-00000895	3.9	LOST ISLAND (T97N R34W)
Palo Alto	Dewey's Pasture Complex	USFWS	IA-074-00000895	28.7	LOST ISLAND (T97N R34W)
Palo Alto	Dewey's Pasture Complex	DNR	IA-074-00000923	48.2	LOST ISLAND (T97N R34W)
Palo Alto	Dewey's Pasture Complex	DNR	IA-074-00005191	3.1	LOST ISLAND (T97N R34W)
Palo Alto	Dewey's Pasture Complex	DNR	IA-074-00000666	4.1	LOST ISLAND (T97N R34W)
Palo Alto	Dewey's Pasture Complex	DNR	IA-074-00005192	5.5	LOST ISLAND (T97N R34W)
Palo Alto	Fallow Marsh	DNR	IA-074-00000938	3.1	LOST ISLAND (T97N R34W)
Palo Alto	Fallow Marsh	DNR	IA-074-00000938	77.0	LOST ISLAND (T97N R34W)
Palo Alto	Fallow Marsh	USFWS	IA-074-00005189	3.6	LOST ISLAND (T97N R34W)
Palo Alto	Silver Lake	DNR	IA-074-00003535	641.2	SILVER LAKE (T95N R34W)
Pocahontas	Little Clear Lake	DNR	IA-076-00001031	166.5	DOVER (T91N R34W)
Pocahontas	Lizard Lake	DNR	IA-076-00001250	33.0	LAKE (T91N R31W)
Pocahontas	Lizard Lake	DNR	IA-076-00001250	284.6	LAKE (T91N R31W)
Polk	Paul Errington Marsh	DNR	IA-077-00006992	7.8	DOUGLAS (T80N R23W)
Polk	Paul Errington Marsh	DNR	IA-077-00002611	3.9	DOUGLAS (T80N R23W)
Polk	Paul Errington Marsh	DNR	IA-077-00002646	9.3	DOUGLAS (T80N R23W)
Polk	Paul Errington Marsh	DNR	IA-077-00006991	9.9	DOUGLAS (T80N R23W)
Polk	Paul Errington Marsh	DNR	IA-077-00006990	5.2	DOUGLAS (T80N R23W)
Polk	Paul Errington Marsh	DNR	IA-077-00002774	4.8	DOUGLAS (T80N R23W)
Polk	Paul Errington Marsh	USFWS	IA-077-00006989	19.0	DOUGLAS (T80N R23W)
Polk	Paul Errington Marsh	USFWS	IA-077-00006988	11.4	DOUGLAS (T80N R23W)
Polk	Paul Errington Marsh	USFWS	IA-077-00006987	9.7	DOUGLAS (T80N R23W)
Polk	Paul Errington Marsh	DNR	IA-077-00006986	2.6	DOUGLAS (T80N R23W)
Polk	Paul Errington Marsh	DNR	IA-077-00002532	8.6	DOUGLAS (T80N R23W)
Ringgold	Mount Ayr	DNR	IA-080-00005623	45.5	WAUBONSIE (T68N R30W)
Sac	Black Hawk	DNR	IA-081-00002183	172.9	VIOLA (T86N R36W)
Sac	Black Hawk	DNR	IA-081-00003025	45.0	VIOLA (T86N R36W)
Sac	Black Hawk	DNR	IA-081-00003028	2.8	VIOLA (T86N R36W)
Sac	Black Hawk	DNR	IA-081-00003026	7.1	VIOLA (T86N R36W)
Sac	Black Hawk	DNR	IA-081-00002183	185.9	VIOLA (T86N R36W)
Sac	Black Hawk	USFWS	IA-081-00002657	3.7	VIOLA (T86N R36W)
Sac	Kiowa Marsh	DNR	IA-081-00001052	51.1	BOYER VALLEY (T88N R37W)
Sac	Kiowa Marsh	DNR	IA-081-00001000	15.8	BOYER VALLEY (T88N R37W)
Sac	Kiowa Marsh	DNR	IA-081-00000678	65.4	BOYER VALLEY (T88N R37W)
Sac	Kiowa Marsh	DNR	IA-081-00000805	5.6	BOYER VALLEY (T88N R37W)

Sac	Kiowa Marsh	DNR	IA-081-00000805	50.5	BOYER VALLEY (T88N R37W)
Sac	Kiowa Marsh	DNR	IA-081-00000870	21.8	BOYER VALLEY (T88N R37W)
Sac	Kiowa Marsh	DNR	IA-081-00000870	17.6	BOYER VALLEY (T88N R37W)
Sac	Tomahawk Marsh	DNR	IA-081-00001644	2.4	WALL LAKE (T87N R36W)
Sac	Tomahawk Marsh	DNR	IA-081-00001643	21.6	WALL LAKE (T87N R36W)
Sac	Tomahawk Marsh	DNR	IA-081-00001662	2.3	WALL LAKE (T87N R36W)
Sac	Tomahawk Marsh	DNR	IA-081-00001713	104.9	WALL LAKE (T87N R36W)
Sac	Tomahawk Marsh	DNR	IA-081-00003027	6.9	WALL LAKE (T87N R36W)
Sac	Tomahawk Marsh	DNR	IA-081-00003024	4.9	WALL LAKE (T87N R36W)
Sac	Tomahawk Marsh	DNR	IA-081-00001643	8.4	WALL LAKE (T87N R36W)
Scott	McCausland	DNR	IA-082-00001628	20.0	BUTLER (T80N R04E)
Scott	McCausland	DNR	IA-082-00000287	3.3	PRINCETON (T80N R05E)
Story	Bob Pyle Marsh	DNR	IA-085-00000007	13.3	LAFAYETTE (T85N R24W)
Story	Bob Pyle Marsh	DNR	IA-085-00000007	3.1	LAFAYETTE (T85N R24W)
Story	Bob Pyle Marsh	DNR	IA-085-00000027	5.8	LAFAYETTE (T85N R24W)
Story	Hendrickson Marsh	DNR	IA-085-00002845	217.7	COLLINS (T82N R21W)
Tama	Iowa River Corridor	USFWS	IA-086-00005154	6.8	SALT CREEK (T82N R13W)
Tama	Iowa River Corridor	USFWS	IA-086-00005154	2.0	SALT CREEK (T82N R13W)
Tama	Iowa River Corridor	USFWS	IA-086-00005277	11.5	SALT CREEK (T82N R13W)
Tama	Iowa River Corridor	USFWS	IA-086-00005834	4.9	SALT CREEK (T82N R13W)
Tama	Otter Creek Marsh	DNR	IA-086-00004068	173.5	OTTER CREEK (T83N R14W)
Tama	Otter Creek Marsh	DNR	IA-086-00004089	162.4	OTTER CREEK (T83N R14W)
Tama	Otter Creek Marsh	DNR	IA-086-00004089	182.5	RICHLAND (T82N R14W)
Tama	Otter Creek Marsh	DNR	IA-086-00004442	135.8	RICHLAND (T82N R14W)
Tama	Otter Creek Marsh	DNR	IA-086-00004579	15.1	SALT CREEK (T82N R13W)
Tama	Otter Creek Marsh	DNR	IA-086-00004750	5.3	SALT CREEK (T82N R13W)
Tama	Otter Creek Marsh	DNR	IA-086-00004726	9.1	RICHLAND (T82N R14W)
Tama	Otter Creek Marsh	DNR	IA-086-00004342	11.8	RICHLAND (T82N R14W)
Tama	Otter Creek Marsh	DNR	IA-086-00004341	132.1	RICHLAND (T82N R14W)
Tama	Otter Creek Marsh	DNR	IA-086-00004356	131.3	RICHLAND (T82N R14W)
Tama	Otter Creek Marsh	DNR	IA-086-00004421	148.7	RICHLAND (T82N R14W)
Tama	Otter Creek Marsh	DNR	IA-086-00004518	239.7	RICHLAND (T82N R14W)
Van Buren	DeVoss/Foster	DNR	IA-089-00005606	41.1	JACKSON (T68N R11W)
Van Buren	Fox River	DNR	IA-089-00005610	102.5	VERNON (T67N R09W)
Van Buren	Fox River	DNR	IA-089-00005609	87.7	VERNON (T67N R09W)
Van Buren	Fox River	DNR	IA-089-00005608	15.8	VERNON (T67N R09W)
Van Buren	Fox River	DNR	IA-089-00005607	16.3	VERNON (T67N R09W)
Warren	Banner Complex	DNR	IA-091-00006738	97.2	LINCOLN (T77N R23W)
Wayne	Rathbun	USACE	IA-093-00001568	40.1	SOUTH FORK (T69N R20W)
Wayne	Rathbun	USACE	IA-093-00002325	88.1	SOUTH FORK (T69N R20W)
Wayne	Rathbun	USACE	IA-093-00002458	6.8	SOUTH FORK (T69N R20W)
Wayne	Rathbun	USACE	IA-093-00002773	193.1	SOUTH FORK (T69N R20W)
Winnebago	Harmon Lake	DNR	IA-095-00000582	30.5	LOGAN (T100N R24W)
Winnebago	Harmon Lake	DNR	IA-095-00000501	70.6	LOGAN (T100N R24W)
Winnebago	Harmon Lake	DNR	IA-095-00000544	3.6	LOGAN (T100N R24W)
Winnebago	Harmon Lake	DNR	IA-095-00000534	20.0	LOGAN (T100N R24W)
Winnebago	Hogsback	DNR	IA-095-00000604	23.5	NORWAY (T100N R23W)
Winnebago	Hogsback	DNR	IA-095-00000646	238.5	NORWAY (T100N R23W)
Winneshiek	Cardinal Marsh	DNR	IA-096-00001528	77.6	LINCOLN (T98N R10W)
Winneshiek	Cardinal Marsh	DNR	IA-096-00001590	10.6	LINCOLN (T98N R10W)
Winneshiek	Cardinal Marsh	DNR	IA-096-00001590	14.5	LINCOLN (T98N R10W)
Winneshiek	Cardinal Marsh	DNR	IA-096-00004200	11.4	LINCOLN (T98N R10W)

Winneshiek	Cardinal Marsh	DNR	IA-096-00001528	18.8	LINCOLN (T98N R10W)
Woodbury	Brown's Lake	DNR	IA-097-00002604	539.6	LIBERTY (T87N R47W)
Woodbury	Snyder Bend	USACE	IA-097-00002959	570.9	LAKEPORT (T86N R47W)
Woodbury	Winnebago Bend North	USACE	IA-097-00003696	46.6	LAKEPORT (T86N R47W)
Woodbury	Winnebago Bend South	USACE	IA-097-00003696	199.8	LAKEPORT (T86N R47W)
Worth	Elk Creek	DNR	IA-098-00001835	162.1	BRISTOL (T99N R22W)
Worth	Elk Creek	USFWS	IA-098-00002150	2.2	BRISTOL (T99N R22W)
Worth	Elk Creek	DNR	IA-098-00004799	4.3	BRISTOL (T99N R22W)
Worth	Elk Creek	DNR	IA-098-00004803	3.0	BRISTOL (T99N R22W)
Worth	Elk Creek	DNR	IA-098-00004805	6.5	BRISTOL (T99N R22W)
Worth	Elk Creek	DNR	IA-098-00002004	41.4	BRISTOL (T99N R22W)
Worth	Elk Creek	DNR	IA-098-00001949	56.4	BRISTOL (T99N R22W)
Worth	Elk Creek	DNR	IA-098-00001993	95.1	BRISTOL (T99N R22W)
Worth	Elk Creek	DNR	IA-098-00002117	8.7	BRISTOL (T99N R22W)
Worth	Elk Creek	DNR	IA-098-00002146	3.0	BRISTOL (T99N R22W)
Worth	Elk Creek	DNR	IA-098-00002127	2.2	BRISTOL (T99N R22W)
Worth	Elk Creek	DNR	IA-098-00002131	8.7	BRISTOL (T99N R22W)
Worth	Elk Creek	DNR	IA-098-00001894	64.5	BRISTOL (T99N R22W)
Worth	Elk Creek	DNR	IA-098-00002096	2.3	BRISTOL (T99N R22W)
Worth	Elk Creek	USFWS	IA-098-00004793	2.8	BRISTOL (T99N R22W)
Worth	Elk Creek	DNR	IA-098-00002358	3.1	BROOKFIELD (T99N R21W)
Worth	Elk Creek	USFWS	IA-098-00004804	5.8	BROOKFIELD (T99N R21W)
Worth	Elk Creek	DNR	IA-098-00004796	16.6	BRISTOL (T99N R22W)
Worth	Elk Creek	DNR	IA-098-00002274	162.5	BRISTOL (T99N R22W)
Worth	Elk Creek	DNR	IA-098-00004798	4.9	BRISTOL (T99N R22W)
Worth	Elk Creek	DNR	IA-098-00002596	6.3	BROOKFIELD (T99N R21W)
Worth	Elk Creek	DNR	IA-098-00000235	43.1	SILVER LAKE (T100N R22W)
Worth	Hanlontown Slough	USFWS	IA-098-00004802	17.6	FERTILE (T98N R22W)
Worth	Hanlontown Slough	USFWS	IA-098-00004801	15.7	FERTILE (T98N R22W)
Worth	Hanlontown Slough	USFWS	IA-098-00004800	15.0	DANVILLE (T98N R21W)
Worth	Hanlontown Slough	USFWS	IA-098-00004792	2.1	DANVILLE (T98N R21W)
Worth	Hanlontown Slough	USFWS	IA-098-00004791	2.1	DANVILLE (T98N R21W)
Worth	Hanlontown Slough	USFWS	IA-098-00003590	224.0	DANVILLE (T98N R21W)
Worth	Hanlontown Slough	USFWS	IA-098-00004794	3.4	DANVILLE (T98N R21W)
Worth	Hanlontown Slough	USFWS	IA-098-00004795	3.1	DANVILLE (T98N R21W)
Worth	Hanlontown Slough	USFWS	IA-098-00004797	3.2	DANVILLE (T98N R21W)
Worth	Peterson Potholes	DNR	IA-098-00001417	13.9	SILVER LAKE (T100N R22W)
Worth	Silver Lake	DNR	IA-098-00000235	337.4	SILVER LAKE (T100N R22W)
Wright	Big Wall Lake	DNR	IA-099-00002704	847.6	WALL LAKE (T90N R24W)
Wright	Elm Lake	DNR	IA-099-00001071	464.4	GRANT (T92N R24W)
Wright	Elm Lake	DNR	IA-099-00003565	2.9	GRANT (T92N R24W)
Wright	Elm Lake	DNR	IA-099-00003566	2.3	GRANT (T92N R24W)